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(71) Applicant (for all designated States except US): **FIN-CE-  
RAMICA FAENZA S.R.L.** [IT/IT]; Via Granarolo, 102,  
I-48018 Faenza (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MARTINETTI,  
Roberta** [IT/IT]; Via Teofilo Folengo, 11, I-47100 Forlì  
(IT). **NATALONI, Angelo** [IT/IT]; Via Mrchesina, 40/9,  
I-48014 Castel Bolognese (IT). **BELPASSI, Andrea**  
[IT/IT]; Via Tufo, 68, I-61029 Urbino (IT).

(74) Agent: **BENEDETTO, Marco**; c/o Bugnion s.p.a., Viale  
Lancetti, 17, I-20158 Milano (IT).

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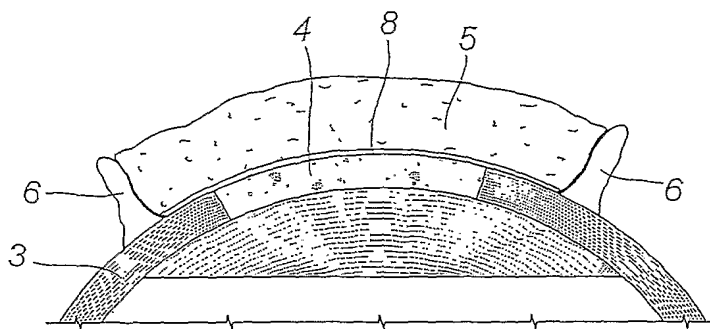
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(54) Title: A METHOD FOR THE PRODUCTION OF A BIOLOGICALLY ACTIVE PROSTHETIC DEVICE FOR THE RE-  
CONSTRUCTION OF BONE TISSUE AND THE PROSTHETIC DEVICE ITSELF



(57) Abstract: The invention relates to a method for the production of a biologically active prosthetic device for the reconstruction of bone tissue comprising the steps of: a CAT (Computerized Axial Tomography) scan of the patient and obtaining a three-dimensional electronic model (1) of the part of the bone and of a bone defect (2) to be reconstructed; production by prototyping of a prototype resin model (3) of the area of the patient's bone involved, forming of a model (4), of the patient's bone defect to be reconstructed; construction of a netative mould (5), production of a ready sintered ceramic semi-finished product with controlled and interconnected porosity, said semi-finished product being made with dimensions and

shape slightly larger than the bone defect; mechanical processing and manual finishing of the sintered semi-finished product, to obtain the precise dimensions and shape of the bone defect, the invention also relating to the prosthetic device obtained using the method described above.

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